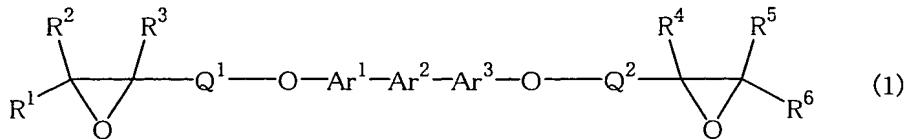


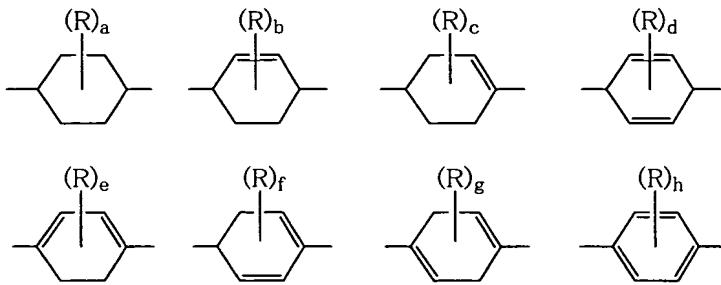
## CLAIMS

1. An epoxy compound represented by the formula (1):



wherein

5             $\text{Ar}^1$ ,  $\text{Ar}^2$  and  $\text{Ar}^3$  are the same or different and each denotes any one of divalent groups represented by the following formulas:



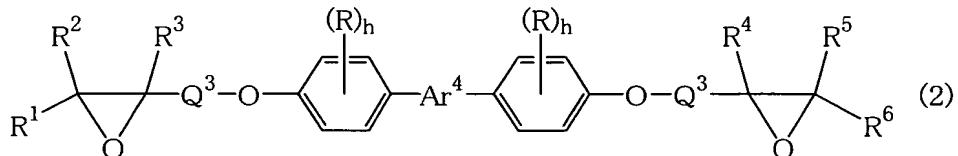
in which R denotes a hydrogen atom or an alkyl group of 1  
 10            to 18 carbon atoms, a denotes an integer of 1 to 8, b, e  
 and g denote an integer of 1 to 6, c denotes an integer of  
 1 to 7, d and h denote an integer of 1 to 4, and f denotes  
 an integer of 1 to 5, and when more than one R exists in  
 said divalent group, all of R may be the same group or  
 15            different groups;

$\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  are the same or different and each denotes a hydrogen atom or an alkyl group of 1 to 18 carbon atoms;

$\text{Q}^1$  and  $\text{Q}^2$  are the same or different and each denotes a

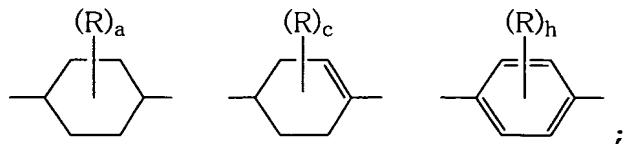
straight-chain alkylene group of 1 to 9 carbon atoms, in which methylene groups composing the straight-chain alkylene group are optionally substituted with an alkyl group of 1 to 18 carbon atoms and  $-O-$  or  $-N(R^7)-$  is 5 optionally inserted between the methylene groups, in which  $R^7$  denotes a hydrogen atom or an alkyl group of 1 to 18 carbon atoms.

2. The epoxy compound according to Claim 1, which is 10 represented by the formula (2):



wherein

$Ar^4$  denotes any one of divalent groups represented by the following formulas:

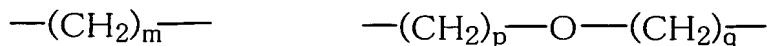


15

$R$ ,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ ,  $a$ ,  $c$  and  $h$  are as defined above; and

$Q^3$  denotes any one of groups represented by the following formulas:

20



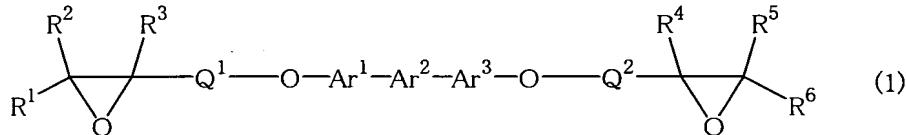
in which  $m$  denotes an integer of 1 to 9,  $p$  and  $q$  denote an

integer of 1 to 8, and the sum of p and q is 9 or less, and methylene groups composing the group represented by Q<sup>3</sup> are optionally substituted with an alkyl group of 1 to 18 carbon atoms.

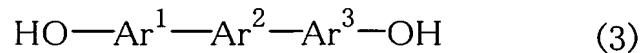
5

3. The epoxy compound according to Claim 2, wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are hydrogen atoms.

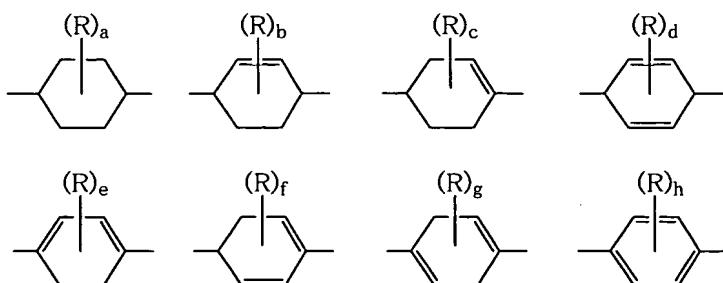
4. A method for producing an epoxy compound represented by the following formula (1):



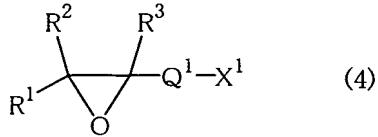
wherein Ar<sup>1</sup>, Ar<sup>2</sup>, Ar<sup>3</sup>, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, Q<sup>1</sup> and Q<sup>2</sup> each are as defined below, which comprises reacting a compound represented by the formula (3):



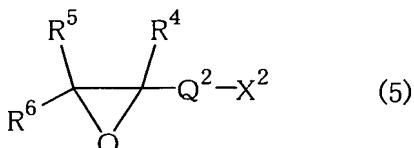
wherein Ar<sup>1</sup>, Ar<sup>2</sup> and Ar<sup>3</sup> are the same or different and each denotes any one of divalent groups represented by the following formulas:



in which R denotes a hydrogen atom or an alkyl group of 1 to 18 carbon atoms, a denotes an integer of 1 to 8, b, e and g denote an integer of 1 to 6, c denotes an integer of 1 to 7, d and h denote an integer of 1 to 4, and f denotes 5 an integer of 1 to 5, and when more than one R exists in said divalent group, all of R may be the same group or different groups; a compound represented by the formula (4):



10 wherein R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are the same or different and each denotes a hydrogen atom or an alkyl group of 1 to 18 carbon atoms, Q<sup>1</sup> denotes a straight-chain alkylene group of 1 to 9 carbon atoms, in which methylene groups composing the straight-chain alkylene group are optionally substituted 15 with an alkyl group of 1 to 18 carbon atoms and -O- or -N(R<sup>7</sup>)- is optionally inserted between the methylene groups, in which R<sup>7</sup> denotes a hydrogen atom or an alkyl group of 1 to 18 carbon atoms, and X<sup>1</sup> denotes a halogen atom; and a compound represented by the following formula (5):



20 wherein R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are the same or different and each

denotes a hydrogen atom or an alkyl group of 1 to 18 carbon atoms,  $Q^2$  denotes a straight-chain alkylene group of 1 to 9 carbon atoms, in which methylene groups composing the straight-chain alkylene group are optionally substituted with an alkyl group of 1 to 18 carbon atoms and  $-O-$  or  $-N(R^7)-$  is optionally inserted between the methylene groups, in which  $R^7$  denotes a hydrogen atom or an alkyl group of 1 to 18 carbon atoms, and  $X^2$  denotes a halogen atom, in the presence of a base.

10

5. An epoxy composition comprising the epoxy compound according to any one of Claims 1 to 3 and a curing agent.

15

6. The epoxy composition according to Claim 5, wherein the curing agent is 4,4'-diaminodiphenylmethane, 4,4'-diaminodiphenylethane, 1,5-diaminonaphthalene or p-phenylenediamine.

20

7. A cured epoxy resin obtained by curing the epoxy composition according to Claim 5 or 6.

8. A prepreg obtained by applying or impregnating the epoxy composition according to Claim 5 or 6 to or into a base material, followed by semi-curing.